

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	150	mobility near model	US-PGPUB; USPAT; EPO	OR	ON	2006/07/07 10:44
L2	20	l1 and trench	US-PGPUB; USPAT; EPO	OR	ON	2006/07/07 10:50
L3	41	mobility near correction	US-PGPUB; USPAT; EPO	OR	ON	2006/07/07 11:07
L4	20256	(correction adj factor)	US-PGPUB; USPAT; EPO	OR	ON	2006/07/07 11:07
L5	3436	l4 and simulat\$3	US-PGPUB; USPAT; EPO	OR	ON	2006/07/07 11:07
L6	2262	l5 and model\$4	US-PGPUB; USPAT; EPO	OR	ON	2006/07/07 11:07
L7	67	l6 and (threshold near voltage)	US-PGPUB; USPAT; EPO	OR	ON	2006/07/07 11:08
L8	4	l7 and mobility	US-PGPUB; USPAT; EPO	OR	ON	2006/07/07 11:08
L9	53	l6 and SPICE	US-PGPUB; USPAT; EPO	OR	ON	2006/07/07 11:08
L24	1412	bianchi\$.in.	US-PGPUB; USPAT; EPO	OR	ON	2006/07/07 14:09
L25	45	l24 and mobility	US-PGPUB; USPAT; EPO	OR	ON	2006/07/07 14:09
L26	21	l25 and model\$4	US-PGPUB; USPAT; EPO	OR	ON	2006/07/07 14:13
L27	2058	bouche\$.in.	US-PGPUB; USPAT; EPO	OR	ON	2006/07/07 14:13
L28	19	l27 and mobility	US-PGPUB; USPAT; EPO	OR	ON	2006/07/07 14:14
L29	3	l28 and model\$4	US-PGPUB; USPAT; EPO	OR	ON	2006/07/07 14:13

## EAST Search History

L30	35229	(mechanical adj stress)	US-PGPUB; USPAT; EPO	OR	ON	2006/07/07 14:14
L31	1717	I30 and mobility	US-PGPUB; USPAT; EPO	OR	ON	2006/07/07 14:14
L32	181	I31 and (trench near isolation)	US-PGPUB; USPAT; EPO	OR	ON	2006/07/07 14:15
L33	178	I32 and (MOSFET or MOS or CMOS or transistor)	US-PGPUB; USPAT; EPO	OR	ON	2006/07/07 14:15
L34	34	I33 and model\$4	US-PGPUB; USPAT; EPO	OR	ON	2006/07/07 14:19
L35	162	mobility near model\$4	US-PGPUB; USPAT; EPO	OR	ON	2006/07/07 14:19
L36	20	I35 and trench	US-PGPUB; USPAT; EPO	OR	ON	2006/07/07 14:25
L37	2951	particle near motion	US-PGPUB; USPAT; EPO	OR	ON	2006/07/07 14:25
L38	127	I37 and transistor	US-PGPUB; USPAT; EPO	OR	ON	2006/07/07 14:25
L39	12	I38 and trench	US-PGPUB; USPAT; EPO	OR	ON	2006/07/07 14:26
L40	61	I38 and model\$4	US-PGPUB; USPAT; EPO	OR	ON	2006/07/07 14:26
S1	1	"5648920".pn.	US-PGPUB; USPAT	OR	ON	2006/07/05 07:37
S2	2069	nec adj electronics\$.as.	US-PGPUB; USPAT; EPO	OR	ON	2006/07/03 14:29
S3	13	S2 and (diffusion near length)	US-PGPUB; USPAT; EPO	OR	ON	2006/07/03 14:31
S4	1	S3 and (transistor adj model)	US-PGPUB; USPAT; EPO	OR	ON	2006/07/03 14:30
S5	134	shimizu-takashi\$.in.	US-PGPUB; USPAT; EPO	OR	ON	2006/07/03 14:32

## EAST Search History

S6	1	S5 and (transistor near model)	US-PGPUB; USPAT; EPO	OR	ON	2006/07/03 14:32
S7	1	S5 and (diffusion near length)	US-PGPUB; USPAT; EPO	OR	ON	2006/07/03 14:33
S8	30	sakamoto-hironori\$.in.	US-PGPUB; USPAT; EPO	OR	ON	2006/07/03 14:33
S9	8	S8 and transistor	US-PGPUB; USPAT; EPO	OR	ON	2006/07/03 14:46
S10	2723	703/2,14.ccls.	US-PGPUB; USPAT; EPO	OR	ON	2006/07/03 14:46
S11	132	S10 and (transistor near model\$4)	US-PGPUB; USPAT; EPO	OR	ON	2006/07/03 14:46
S12	3	S11 and (diffusion near length)	US-PGPUB; USPAT; EPO	OR	ON	2006/07/03 14:47
S13	22	S11 and diffusion	US-PGPUB; USPAT; EPO	OR	ON	2006/07/03 14:47
S14	18	S13 and (threshold near voltage)	US-PGPUB; USPAT; EPO	OR	ON	2006/07/03 14:47
S15	11	S14 and mobility	US-PGPUB; USPAT; EPO	OR	ON	2006/07/03 15:02
S16	949	transistor near model\$4	US-PGPUB; USPAT; EPO	OR	ON	2006/07/03 15:02
S17	568	S16 and parameter	US-PGPUB; USPAT; EPO	OR	ON	2006/07/03 15:02
S18	235	S17 and correct\$3	US-PGPUB; USPAT; EPO	OR	ON	2006/07/03 15:02
S19	92	S18 and (threshold adj voltage)	US-PGPUB; USPAT; EPO	OR	ON	2006/07/03 15:03
S20	26	S19 and mobility	US-PGPUB; USPAT; EPO	OR	ON	2006/07/03 15:03

## EAST Search History

S21	13	S20 and diffusion	US-PGPUB; USPAT; EPO	OR	ON	2006/07/03 15:49
S22	552	(transistor adj model)	US-PGPUB; USPAT; EPO	OR	ON	2006/07/03 15:49
S23	318	S22 and simulat\$3	US-PGPUB; USPAT; EPO	OR	ON	2006/07/03 15:49
S24	238	S23 and parameter	US-PGPUB; USPAT; EPO	OR	ON	2006/07/03 15:49
S25	190	S24 and (correct or modify or modification)	US-PGPUB; USPAT; EPO	OR	ON	2006/07/03 15:51
S26	48	S25 and diffusion	US-PGPUB; USPAT; EPO	OR	ON	2006/07/03 15:50
S27	25	S26 and (threshold adj voltage)	US-PGPUB; USPAT; EPO	OR	ON	2006/07/03 15:50
S28	8	S27 and mobility	US-PGPUB; USPAT; EPO	OR	ON	2006/07/03 15:50
S29	197	S24 and (correct or modify or modification or optimize)	US-PGPUB; USPAT; EPO	OR	ON	2006/07/03 15:51
S30	68	S29 and (threshold adj voltage)	US-PGPUB; USPAT; EPO	OR	ON	2006/07/03 15:51
S31	12	S30 and mobility	US-PGPUB; USPAT; EPO	OR	ON	2006/07/03 16:10
S32	5086	diffusion near length	US-PGPUB; USPAT; EPO	OR	ON	2006/07/03 16:10
S33	1667	S32 and dependent	US-PGPUB; USPAT; EPO	OR	ON	2006/07/03 16:10
S34	1024	S33 and parameter	US-PGPUB; USPAT; EPO	OR	ON	2006/07/03 16:10
S35	630	S34 and (update or correct\$3 or modify or optimize)	US-PGPUB; USPAT; EPO	OR	ON	2006/07/03 16:11

## EAST Search History

S36	76	S35 and (threshold adj voltage)	US-PGPUB; USPAT; EPO	OR	ON	2006/07/03 16:11
S37	32	S36 and mobility	US-PGPUB; USPAT; EPO	OR	ON	2006/07/03 16:11
S38	47712	transistor and model\$4	US-PGPUB; USPAT	OR	ON	2006/07/05 07:37
S39	21874	S38 and parameter	US-PGPUB; USPAT	OR	ON	2006/07/05 07:38
S40	2304	S39 and mobility	US-PGPUB; USPAT	OR	ON	2006/07/05 07:38
S41	848	S40 and ((threshold adj voltage) or (vth))	US-PGPUB; USPAT	OR	ON	2006/07/05 07:38
S42	515	S41 and (scal\$3 or minitaurize\$1)	US-PGPUB; USPAT	OR	ON	2006/07/05 07:39
S43	506	S42 and (geometry or length or width)	US-PGPUB; USPAT	OR	ON	2006/07/05 07:40
S44	502	S43 and (correct\$3 or modify or modification or optimiz\$5 or updat\$3 or chang\$3)	US-PGPUB; USPAT	OR	ON	2006/07/05 07:41
S45	287	S44 and diffusion	US-PGPUB; USPAT	OR	ON	2006/07/05 07:41
S46	124	S45 and simulat\$3	US-PGPUB; USPAT	OR	ON	2006/07/05 07:46
S47	36804	S38 and (parameter or characteristic)	US-PGPUB; USPAT; EPO	OR	ON	2006/07/05 07:47
S48	3644	S47 and mobility	US-PGPUB; USPAT; EPO	OR	ON	2006/07/05 07:48
S49	1372	S48 and ((threshold adj voltage) or vth)	US-PGPUB; USPAT; EPO	OR	ON	2006/07/05 07:48
S50	774	S49 and (scal\$3 or minitaurize\$1)	US-PGPUB; USPAT; EPO	OR	ON	2006/07/05 07:49
S51	763	S50 and (geometry or length or width or size)	US-PGPUB; USPAT; EPO	OR	ON	2006/07/05 07:49
S52	758	S51 and (correct\$3 or modify or modification or optimiz\$5 or updat\$3 or chang\$3 or error)	US-PGPUB; USPAT; EPO	OR	ON	2006/07/05 07:50
S53	265	S52 and simulat\$3	US-PGPUB; USPAT; EPO	OR	ON	2006/07/05 08:28

## EAST Search History

S54	15301	shallow adj trench adj isolation	US-PGPUB; USPAT; EPO	OR	ON	2006/07/05 08:28
S55	9069	S54 and (parameter or characteristic)	US-PGPUB; USPAT; EPO	OR	ON	2006/07/05 08:28
S56	6605	S55 and (correct\$3 or modify or modification or updat\$3 or error)	US-PGPUB; USPAT; EPO	OR	ON	2006/07/05 08:31
S57	3261	S56 and (length or geometry)	US-PGPUB; USPAT; EPO	OR	ON	2006/07/05 08:29
S58	3314	S56 and (length or geometr\$3)	US-PGPUB; USPAT; EPO	OR	ON	2006/07/05 08:29
S59	1996	S58 and diffusion	US-PGPUB; USPAT; EPO	OR	ON	2006/07/05 08:29
S60	1002	S59 and ((threshold adj voltage) or vth)	US-PGPUB; USPAT; EPO	OR	ON	2006/07/05 08:30
S61	207	S60 and mobility	US-PGPUB; USPAT; EPO	OR	ON	2006/07/05 08:30
S62	32	S61 and model\$4	US-PGPUB; USPAT; EPO	OR	ON	2006/07/05 08:30
S63	6	S62 and simulat\$3	US-PGPUB; USPAT; EPO	OR	ON	2006/07/05 08:30
S64	7003	S55 and (correct\$3 or modify or modification or updat\$3 or error or optimiz\$5)	US-PGPUB; USPAT; EPO	OR	ON	2006/07/05 08:32
S65	3524	S64 and (length or geometr\$3)	US-PGPUB; USPAT; EPO	OR	ON	2006/07/05 08:32
S66	1473	S65 and ((threshold adj voltage) or vth)	US-PGPUB; USPAT; EPO	OR	ON	2006/07/05 08:32
S67	322	S66 and mobility	US-PGPUB; USPAT; EPO	OR	ON	2006/07/05 08:32
S68	60	S67 and model\$4	US-PGPUB; USPAT; EPO	OR	ON	2006/07/05 08:32

## EAST Search History

S69	19	S68 and simulat\$3	US-PGPUB; USPAT; EPO	OR	ON.	2006/07/05 09:21
S70	1010	703/14.ccls.	US-PGPUB; USPAT	OR	ON	2006/07/05 09:22
S71	4564	(diffusion adj length) or (diffusion adj size)	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2006/07/05 13:46
S72	832	S71 and mobility	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2006/07/05 13:46
S73	150	S72 and ((threshold adj voltage) or vth)	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2006/07/05 13:58
S74	84	S73 and isolation	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2006/07/05 14:12
S75	27	S74 and simulat\$3	US-PGPUB; USPAT; EPO; IBM_TDB	OR	ON	2006/07/05 14:12
S76	0	"2001035930"	US-PGPUB; USPAT	OR	ON	2006/07/05 15:48
S77	11	"035930"	US-PGPUB; USPAT	OR	ON	2006/07/05 15:50
S78	0	S77 and mitsubishi	US-PGPUB; USPAT	OR	ON	2006/07/05 15:48
S79	30	"322456"	US-PGPUB; USPAT	OR	ON	2006/07/05 15:50